

### **AMENDMENT TO THE CLAIMS**

This listing of claims will replace all prior versions, and listing, of claims in the application.

1. (Currently Amended) A method, comprising:  
receiving data indicative of acoustic conditions proximate to an audio presentation device;  
authenticating a user identification;  
receiving data associated with an ~~at least one~~ audio profile and a device profile associated with the authenticated user identification; and  
determining acoustic data to be provided based on at least a portion of the received data indicative of acoustic conditions proximate to the audio presentation device, at least a portion of the device profile, and at least a portion of the data associated with the ~~at least one~~ audio profile and the device profile.
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Canceled)
6. (Canceled)
7. (Canceled)
8. (Canceled)
9. (Canceled)
10. (Original) The method of claim 1, further comprising determining that a new user is using the audio presentation device, and wherein receiving the audio profile comprises receiving the audio profile in response to determining that the new user is using the audio presentation device.

11. (Canceled)
12. (Canceled)
13. (Currently Amended) An apparatus, comprising:  
an interface; and  
a control unit coupled to the interface and adapted to:
  - receive data indicative of acoustic conditions proximate to an audio presentation device;
  - authenticate a user identification;
  - receive data associated with an ~~at least one~~ audio profile associated with the authenticated user identification and a device profile; and
  - determine acoustic data to be provided based on at least a portion of the received data indicative of acoustic conditions proximate to the audio presentation device, at least a portion of the device profile, and at least a portion of the data associated with the ~~at least one~~ audio profile.
14. (Canceled)
15. (Canceled)
16. (Canceled)
17. (Canceled)
18. (Canceled)
19. (Canceled)
20. (Canceled)
21. (Canceled)
22. (Canceled)
23. (Canceled)

24. (Canceled)
25. (Canceled)
26. (Canceled)
27. (Canceled)
28. (Canceled)
29. (Currently Amended) A computer program product in a computer readable medium which, when executed by a processor, performs a method comprising:  
receiving data indicative of acoustic conditions proximate to an audio presentation device;  
receiving data indicative of a detected acoustic test signal;  
receiving data associated with at least one audio profile; and  
determining acoustic data to be provided based on at least a portion of the received data indicative of acoustic conditions proximate to the audio presentation device, at least a portion of the data indicative of a detected acoustic test signal, and at least a portion of the data associated with the at least one audio profile.
30. (Original) The product of claim 29, wherein the computer program product when executed by the processor performs the steps comprising providing an acoustic test signal.
31. (Original) The product of claim 30, wherein the computer program product when executed by the processor performs the steps comprising receiving a portion of the acoustic test signal from an acoustic detector.
32. (Canceled)
33. (Canceled)
34. (Canceled)
35. (Canceled)

36. (Previously Presented) The apparatus of claim 13, wherein the control unit is further adapted to determining that a new user is using the audio presentation device.
37. (Previously Presented) The product of claim 29, wherein the computer program product when executed by the processor performs the step comprising determining that a new user is using the audio presentation device.
38. (Currently Amended) An method, comprising:  
receiving data indicative of acoustic conditions proximate to an audio presentation device;  
receiving data indicative of a detected acoustic test signal;  
~~receiving data indicative of acoustic conditions proximate to an audio presentation device;~~  
receiving data associated with at least one audio profile; and  
determining acoustic data to be provided based on at least a portion of the received data indicative of acoustic conditions proximate to the audio presentation device, at least a portion of the data indicative of a detected acoustic test signal, and at least a portion of the data associated with the at least one audio profile.
39. (Previously Presented) The method of claim 38, further comprising providing the acoustic test signal.
40. (Previously Presented) The method of claim 38, wherein receiving the data indicative of a detected acoustic test signal comprises receiving an acoustic noise signal from an acoustic detector deployed proximate to the audio presentation device.
41. (Previously Presented) The method of claim 40, wherein determining the acoustic data to be provided comprises determining a signal-to-noise ratio using the received portion of the acoustic test signal and the received acoustic noise signal.
42. (Currently Amended) A method, comprising:  
receiving data indicative of acoustic conditions proximate to an audio presentation device;  
receiving data associated with an ~~at least one~~ audio profile and a device profile; and

determining acoustic data to be provided based on at least a portion of the received data indicative of acoustic conditions proximate to the audio presentation device and at least a portion of the data associated with ~~the at least one~~ audio profile and the device profile.

43. (Previously Presented) The method of claim 42, wherein the device profile includes a capability, a characteristic, or a capability and a characteristic of a display device.

44. (Previously Presented) The method of claim 42, wherein receiving the data indicative of acoustic conditions proximate to the audio presentation device comprises receiving the data from at least one acoustic detector deployed proximate to the audio presentation device.

45. (Previously Presented) The method of claim 42, further comprising determining that a new user is using the audio presentation device, and wherein receiving the audio profile comprises receiving the audio profile in response to determining that the new user is using the audio presentation device.

46. (Previously Presented) The method of claim 42, wherein determining the acoustic data comprises:

determining the acoustic data using a processor-based device located remotely from the audio presentation device; and  
providing the acoustic data from the processor-based device to the audio presentation device.